

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US03/37429

| A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : G06F 17/60 US CL : 705/1, 7, 10, 11, 37, 400 According to International Patent Classification (IPC) or to both national classification and IPC | | |
|---|--|---|
| B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S.: 705/1, 7, 10, 11, 37, 400 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) | | |
| C. DOCUMENTS CONSIDERED TO BE RELEVANT | | |
| Category * | Citation of document, with indication, where appropriate, of the relevant passages | Relevant to claim No. |
| Y | US 5,654,112 (STURGEON et al) 02 September 1997, see entire document. | 1-67 |
| Y | US 6,341,287 B1 (SZIKLAI et al) 22 January 2002, see entire document. | 1-67 |
| Y | US 6,336,096 B1 (JERNBERG) 01 January 2002, see entire document. | 1-67 |
| Y | US 6,112,151 (KRUSE) 29 August 2000, see entire document. | 1-67 |
| <input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex. | | |
| Special categories of cited documents: "A" document defining the general state of the art which is not considered to be of particular relevance "E" earlier application or patent published on or after the international filing date "L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified) "O" documents referring to an oral disclosure, use, exhibition or other means "P" document published prior to the international filing date but later than the priority date claimed "T" Inter document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention "X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone "Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art "Z" document number of the same patent family | | |
| Date of the actual completion of the international search 16 September 2004 (16.09.2004) | | Date of mailing of the international search report 30 DEC 2004 |
| Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner of Patents P.O. Box 1459 Alexandria, Virginia 22313-1459 Facsimile No. (703) 305-3230 | | Authorized officer John Weiss <i>R/Weiss for</i> Telephone No. (703) 308-1713 |